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Resume of Phillip E. Pace, 1993-10

Pace, Phillip E.

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RESUME OF PHILLIP E. PACE

Phillip E. Pace was born in Cincinnati, Ohio. He received the B.S. and M.S. degrees from the Ohio University in 1983 and 1986, respectively, and the Ph.D. from the University of Cincinnati in 1990 — all in electrical and computer engineering.

Dr. Pace joined the Naval Postgraduate School as an Assistant Professor in the Department of Electrical and Computer Engineering in July 1992. He is currently teaching in the areas of electro-optics and electronic warfare. He has been a principal investigator on numerous research projects in the areas of radar and image signal processing, electronic warfare systems analysis, IR seeker modeling and optical computing. He is currently evaluating the performance of missiles against jamming for the Tactical Electronic Warfare Division of the Naval Research Laboratories. Also being investigated is a new surface mode signal processing architecture for the Phalanx Close-In-Weapon-System (CIWS) under support from Hughes Missile Systems Company. High-speed optical computing and its applications in electronic warfare systems is also of interest. Currently under development is a new integrated-optical high-resolution 14-bit analog-to-digital converter under support from the Space and Naval Warfare Systems command.



Prior to joining NPS, he spent two years at General Dynamics Corporation, Air Defense Systems Division, as a design specialist in the Radar Systems Research Engineering department. Before that, he was a member of the technical staff at Hughes Aircraft Company, Radar Systems Group, for five years.

He received the Hughes Aircraft Company Full Study Fellowship in 1984. He was the winner of the Kroeger Foundation Fellowship Award in 1989 and was presented with the Outstanding Graduate Researcher of the Year Award in 1990 for his Ph.D. work in signal processing and optical computing. He is a member of the NPS electronic warfare academic group (EWAG). He is also a member of Eta Kappa Nu, IEEE, SPIE, and AOC.